



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q79028

David SHAFER, et al.

Appln. No.: 10/734,623

Group Art Unit: 2873

Confirmation No.: 2006

Examiner: Not Yet Assigned

Filed: December 15, 2003

For: CATADIOPTIC PROJECTION OBJECTIVE WITH GEOMETRIC BEAM SPLITTING

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

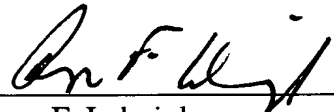
INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: 10/734,623

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: concise explanations of relevance for the foreign language documents are found in the parent U.S. Appln No. 09/751,352, now issued as US 6,665,126 B2.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



George F. Lehnigk
Registration No. 36,359

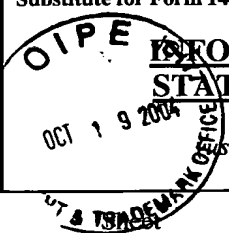
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23373

CUSTOMER NUMBER

Date: October 19, 2004

Substitute for Form 1449 A & B/PTO  Use as many sheets as necessary)		<i>Complete if Known</i>	
		Application Number	10/734,623
		Confirmation Number	2006
		Filing Date	December 15, 2003
		First Named Inventor	David SHAFER
		Art Unit	2873
		Examiner Name	Not Yet Assigned
1	of 2	Attorney Docket Number Q79028	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 5,689,377 (Corresponds to EP 0736 789)		11/18/1997	Takahashi
		US 5,831,770 (Corresponds to EP 0 770 895)		11/03/1998	Matsuzawa et al.
		US 2002/0163733 (Corresponds to JP 10-10429)	A1	11/07/2002	Takahashi
		US 6,392,822 (Corresponds to JP 10-10429)	B1	05/21/2002	Takahashi
		US 6,157,498 (Corresponds to JP 10-10429)		12/05/2000	Takahashi
		US 6,707,616 (Corresponds to WO 99/52004)	B1	03/16/2004	Takahashi et al.

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		DE	197 26 058	A1	01/02/1998	Nikon Corporation	Abstract
		DE	195 35 392	A1	03/27/1997	Carl Zeiss	Abstract
		EP	0 869 383	A2	10/07/1998	Nikon Corporation	
		EP	0 736 789	A2	10/09/1996	Nikon Corporation	Corresponds to US 5,689,377
		EP	0 770 895	A2	05/02/1997	Nikon Corporation	Corresponds to US 5,831,770
		JP	10-10429		01/13/1989	Matsushita Electric Ind. Co., Ltd.	Corresponds to US 2002/0163733 A1, US 6,392,822, US 6,157,498;abstract
		WO	99/52004		10/14/1999	Nikon Corporation	Corresponds to US 6,707,616

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		ERICH HEYNACHER, "Asphärische Optik - Warum sie gefordert, und wie sie gefertigt wird," Zeiss - Inform., 1978/1979, Pages 19-25, Vol. 24, No. 88, Oberkochen, Germany	
		ERHARD GLATZEL, "New Lenses for Microlithography," Zeiss-Inform., 1981/1982, Pages 8-13, Vol. 26, No. 92E, Oberkochen, Germany	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial.